

# STONE MIZER®



## Sizing & Using a Stone Mizer®

| MACHINE SIZE<br>(LBS) | STONE MIZER |
|-----------------------|-------------|
| Up to 35,000          | 5 cu. yd.   |
| 35,000 - 55,000       | 7.5 cu. yd. |
| 55,000 - 75,000       | 9 cu. yd.   |
| 75,000 - 90,000       | 10 cu. yd.  |
| 90,000 - 120,000      | 12 cu. yd.  |
| 120,000 - 140,000     | 15 cu. yd.  |
| 140,000 - 170,000     | 20 cu. yd.  |
| 170,000 and up        | Custom      |

- ◆ Stone Mizers should hold a minimum of four buckets (large enough to make one complete cut or cycle).
- ◆ The inside dimension of the Stone Mizer should be at least 12 in. wider than the excavator bucket.
- ◆ Heavy-duty designs are recommended for 90,000+lbs. excavators.
- ◆ Special designs are available.



## SM Standard Stone Mizer® With Lift Bar

| MODEL/CAPACITY<br>(CU. YD.) | SIZE (in.)<br>H x W x L | WEIGHT<br>(LBS) |
|-----------------------------|-------------------------|-----------------|
| SM-5                        | 36" x 60" x 140"        | 4,210           |
| SM-7.5                      | 48" x 60" x 162"        | 4,820           |
| SM-9                        | 48" x 60" x 186"        | 5,490           |
| SM-10                       | 48" x 60" x 204"        | 6,350           |
| SM-12                       | 48" x 70" x 210"        | 7,040           |
| SM-15                       | 48" x 70" x 216"        | 7,530           |

Standard Series

## SDSM Heavy-Duty Stone Mizer® With Lift Bar

| MODEL/CAPACITY<br>(CU. YD.) | SIZE (in.)<br>H x W x L | WEIGHT<br>(LBS) |
|-----------------------------|-------------------------|-----------------|
| HDSM-5                      | 36" x 60" x 140"        | 5,210           |
| HDSM-7.5                    | 48" x 60" x 162"        | 6,120           |
| HDSM-9                      | 48" x 60" x 186"        | 6,890           |
| HDSM-10                     | 48" x 60" x 204"        | 7,820           |
| HDSM-12                     | 48" x 70" x 210"        | 8,590           |
| HDSM-15                     | 60" x 70" x 216"        | 9,580           |
| HDSM-18                     | 60" x 70" x 252"        | 10,790          |
| HDSM-20                     | 72" x 70" x 252"        | 11,370          |

Recommended for 90,000 lbs. + Excavators

## SM-EWHD Ext. Width Heavy-Duty Stone Mizer® With Lift Bar

| MODEL/CAPACITY<br>(CU. YD.) | SIZE (in.)<br>H x W x L | WEIGHT<br>(LBS) |
|-----------------------------|-------------------------|-----------------|
| SM-EWHD-9                   | 48" x 75" x 157"        | 6,850           |
| SM-EWHD-10                  | 48" x 83" x 158"        | 7,540           |
| SM-EWHD-12                  | 48" x 83" x 181"        | 8,430           |
| SM-EWHD-15                  | 60" x 86" x 188"        | 9,600           |
| SM-EWHD-18                  | 60" x 90.5" x 207"      | 10,240          |
| SM-EWHD-20                  | 60" x 90.5" x 224"      | 11,070          |

Better Accommodates Excavators With Oversized Buckets

## SM-EWSD Ext. Width Severe Duty Stone Mizer® With Lift Bar

| MODEL/CAPACITY<br>(CU. YD.) | SIZE (in.)<br>H x W x L | WEIGHT<br>(LBS) |
|-----------------------------|-------------------------|-----------------|
| SM-EWSD-15                  | 60" x 86" x 188"        | 12,430          |
| SM-EWSD-18                  | 60" x 90.5" x 207"      | 13,390          |
| SM-EWSD-20                  | 60" x 90.5" x 224"      | 14,600          |

Engineered For Use With Larger Excavators of 140,000 + Lbs.

# Stone Mizer®

## Bedding Material Containers



Heavy Duty Stone Mizer® 12 cu. yd. (HDSM-12)



Stone Mizer® 7.5 cu. yd. (SM-



Stone Mizer® 9 cu. yd. (SM-9)

### SM Standard Stone Mizer® with Lift Bar

| Model/Capacity<br>(Cu. Yd.) | Size (In.)<br>(Ht. x W x Lg.) | Weight<br>(Lbs.) |
|-----------------------------|-------------------------------|------------------|
| SM-5                        | 36 x 60 x 140                 | 4,210            |
| SM-7.5                      | 48 x 60 x 162                 | 4,820            |
| SM-9                        | 48 x 60 x 186                 | 5,490            |
| SM-10                       | 48 x 60 x 204                 | 6,350            |
| SM-12                       | 48 x 70 x 210                 | 7,040            |
| SM-15                       | 60 x 70 x 216                 | 7,530            |

### HDSM Heavy Duty Stone Mizer® with Lift Bar

|          |               |        |
|----------|---------------|--------|
| HDSM-5   | 36 x 60 x 140 | 5,210  |
| HDSM-7.5 | 48 x 60 x 162 | 6,120  |
| HDSM-9   | 48 x 60 x 186 | 6,890  |
| HDSM-10  | 48 x 60 x 204 | 7,820  |
| HDSM-12  | 48 x 70 x 210 | 8,590  |
| HDSM-15  | 60 x 70 x 216 | 9,580  |
| HDSM-18  | 60 x 70 x 252 | 10,790 |
| HDSM-20  | 72 x 70 x 252 | 11,370 |

### EWHD Extended Width Heavy Duty Stone Mizer® with Lift Bar

|            |                |        |
|------------|----------------|--------|
| SM-EWHD-9  | 48 x 75 x 157  | 6,850  |
| SM-EWHD-10 | 48 x 83 x 158  | 7,540  |
| SM-EWHD-12 | 48 x 83 x 181  | 8,430  |
| SM-EWHD-15 | 60 x 86 x 188  | 9,600  |
| SM-EWHD-18 | 60 x 90½ x 207 | 10,240 |
| SM-EWHD-20 | 60 x 90½ x 224 | 11,070 |

### EWSD Extended Width Severe Duty Stone Mizer® with Lift Bar

|            |                |        |
|------------|----------------|--------|
| SM-EWSD-15 | 60 x 86 x 188  | 12,430 |
| SM-EWSD-18 | 60 x 90½ x 207 | 13,390 |
| SM-EWSD-20 | 60 x 90½ x 224 | 14,600 |



Lift Bar End



Pulling Lug



Standard



Heavy Duty



# Stone Mizer®

## Bedding Material Containers

### Uses:

Efficiency's Stone Mizer® Series offers wider and more durable bedding material containers than any competitor, and can accommodate oversized excavator buckets while withstanding the forces of larger excavators. Stone Mizers® are available in capacities ranging from 5 to 20 cu. yd. in four different series types: *Standard*, *Heavy Duty*, *Extended Width Heavy Duty*, and *Extended Width Severe Duty*. Custom built models are also available.

### Advantages:

Efficiency's Stone Mizer® substantially reduces bedding material loss by keeping it confined to the container. They allow operators to control bedding placement carefully, with a minimum of waste which saves contractors thousands of bottom line dollars each year by:

- Reducing the time that production crews wait for pipe bedding transfers.
- Reducing the amount of costly wasted or spilled bedding.
- Reduces restoration costs.
- Saving more time for pipe production.

### Sizing & Using a Stone Mizer®

| Machine Size (lbs.)     | Stone Mizer |                                                                                                  |
|-------------------------|-------------|--------------------------------------------------------------------------------------------------|
| Up to 35,000.....       | 5 cu. yd.   | ■ Mizers should hold a minimum of four buckets (large enough to make one complete cut or cycle). |
| 35,000 - 55,000 .....   | 7.5 cu. yd. | ■ The inside dimension of the Mizer should be at least 12 in. wider than the excavator bucket.   |
| 55,000 - 75,000 .....   | 9 cu. yd.   | ■ Heavy duty designs are recommended for 90,000+ lbs. excavators.                                |
| 75,000 - 90,000 .....   | 10 cu. yd.  | ■ Special designs are available.                                                                 |
| 90,000 - 120,000 .....  | 12 cu. yd.  |                                                                                                  |
| 120,000 - 140,000 ..... | 15 cu. yd.  |                                                                                                  |
| 140,000 - 170,000 ..... | 20 cu. yd.  |                                                                                                  |
| 170,000 - and up .....  | Custom      |                                                                                                  |



Stone Mizers® are tapered at both ends to facilitate removal of material with an

### Standard Series:

- 1/4 in. plate sides and ends.
- 1/2 in. plate bottom.
- Lift Bar included.
- 24 in. clearance between lift bar and Stone Mizer®.

### Heavy Duty Series:

- 3/8 in. plate sides.
- 1/2 in. plate ends and bottom.
- Lift Bar included.
- 24 in. clearance between lift bar and Stone Mizer®.
- Recommended for 90,000+ lb. excavators.

### Extended Width Heavy Duty Series:

- Heavy duty construction.
- 3/8 in. plate sides.
- 1/2 in. plate ends and bottom.
- Lift Bar included.
- Substantially wider than standard series.
- Better accommodates excavators with oversized buckets.

### Extended Width Severe Duty Series:

- Engineered to be used with larger excavators of 140,000+ lbs.
- Heavy duty construction.
- 1/2 in. plate sides.
- 3/4 in. plate ends and bottom.
- Lift Bar included.

### Proper Use of Stone Mizer® with Trench

